

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐
 SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
HMS Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 767, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **940' FWL & 2310' FWL, Sec. 31, T-24-S, R-38-E**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles Northeast of Jal, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
940'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1,380'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Gr. 3097'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	12 3/8"	68#	600'	900 cubic feet
11"	8 5/8"	24 & 32#	3,800'	3000 cubic feet
7 7/8"	5 1/2"	15.50# & 17#	8,900'	150 cubic feet

1. 12 3/8" surface casing to be set at minimum of 550' and cement circulated.
2. 8 5/8" intermediate casing to be set at minimum of 3,800' and cement circulated.
3. Cement behind the 5 1/2" casing should be sufficient to isolate all productive zones including the Tubb, Brinkhard and Abo.
4. Blowout preventers to be installed and in working order before drilling the Queen formation.

ILLEGIBLE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back zone. If proposal is to drill or deepen directionally, give pertinent data on subs preventer program, if any.

ive data on present productive zone and proposed new productive locations and measured and true vertical depths. Give blowout

24. SIGNED George R. McBride
 (This space for Federal or State Office use)

TITLE **Admin. Ass't. to Dist. Eng.** DATE **4-8-72**

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

APR 7 1972

**J L GORDON
ACTING DISTRICT ENGINEER**

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leased for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 2: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 3: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or map, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Item 4: 5 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 5: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL WELL OR REPAIR EXISTING WELL

RECEIVED

APR 11 1972

OIL CONSERVATION COMM.
MOBBS, N. M.

ACTING DISTRICT ENGINEER
J. L. GORDON